



**INFORMATION DISCLOSURE
STATEMENT LIST**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/581,386
Filing Date	June 2, 2006
First Named Inventor	Shelby, J.
Group Art Unit	1651
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	US 2001/0009908	7/26/2001	Ponzin			
	A2	5,616,568	4/1/1997	Pouyani et al.			
	A3	5,652,347	7/29/1997	Pouyani et al.			
	A4	4,582,865	4/15/1986	Balazs et al.			
	A5	4,713,448	12/15/1987	Balazs et al.			
	A6	5,071,741	12/10/1991	Brockbank			
	A7	5,131,850	7/21/1992	Brockbank			
	A8	5,874,417	2/23/1999	Prestwich et al.			
	A9	6,361,933	3/26/2002	Wiggins et al.			
	A10	6,534,591	3/18/2003	Rhee et al.			
	A11	6,548,297	4/15/2003	Kari-Haruch et al.			
	A12	5,728,405	3/17/1998	McDonnell			
	A13	5,102,783	4/7/1992	Alkemade et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	A14	WO 1997/037537	10/16/1997	Ponzin, D.	
	A15	JP 06107538	4/19/1994	Takeo, et al.	abstract
	A16	EP 0216453	1/4/1987	Romeo, A.	

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A17	Böhnke M. et al., New osmotic additives to culture media for corneal preservation. Fortschr Ophthalmol Vol. 88, 1991, pgs 113-7
	A18	Boyce DE, Thomas JH, Moore K, and Harding K. Hyaluronic acid induces tumour necrosis factor- α production by human macrophages in vitro. British J. Plastic Surgery 1997;50:362-368.
	A19	Boyce ST, Greenhalgh DG, Housinger TA, Kagan RJ, Rieman M, Childress CP and Warden GD. Skin anatomy and antigen expression after burn wound closure, with composite grafts of cultured skin cells and biopolymers. 1993 Plast Reconstr Surg 91:632-41
	A20	Bravo D, Rigley TH, Gibran N, Strong DM, Newman-Gage H. Effect of storage and preservation methods on viability in transplantable human skin allografts. 2000 Burns 26(4):367-78.
	A21	Cheung, W. F., Cruz, T. F., and Turley, E. A. (1999) Receptor for hyaluronan-mediated motility (RHAMM), a hyaladherin that regulates cell responses to growth factors. Biochem. Soc. Trans. 27, 135-142
	A22	Collis L, Hall C, Lange L, Ziebell MR, Prestwich GD, and Turley EA. Rapid hyaluronan uptake is associated with enhanced motility: implications for an intracellular mode of action. FEBS Lett. 1998;440(3):444-449.

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	A23	Cram A, Domayer M, Shelby J. Human skin storage techniques: a study utilizing a nude mouse recipient. 1983 J Trauma 23:924-6.	
	A24	Dowthwaite, G. P., Edwards, J. C. W., and Pitsillides, A. A. (1998) An essential role for the interaction between hyaluronan and hyaluronan binding proteins during joint development. J Histochem Cytochem 46, 641-651	
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	A26	Fraser JRE, Laurent TC, and Laurent UBG. Hyaluronan: Its nature, distribution, functions and turnover. J. Intern. Med. 1997;242(1):27-33.	
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	A28	Gardner DK, Rodriegez-Martinez H and Lane M. Fetal development after transfer is increased by replacing protein with the glycosaminoglycan hyaluronan for mouse embryo culture and transfer. 1999 Hum Reprod 14 (10):2575-84	
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	A30	Giuffrida S. et al., Effect of a hyalurinic acid-based medium upon storage and transplantation of donor corneas. IOVS Vol. 42, No. 4, March 15, 2001, pg. S40	
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	A32	Hovatta O. et al., Extracellular matrix improves survival of both stored and fresh human primordial and primary ovarian follicles in long-term culture. Hum Reprod Vol. 12, 1997 May, 1032-6	
	A33	Iocono JA, Krummel TM, Keefer KA, Allison GM, and Paul H. Repeated additions of hyaluronan alters granulation tissue deposition in sponge implants in mice. Wound Repair Regen. 1998;6(5):442-448.	
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	A35	Kuo et al., Chemical Modification of Hyaluronic Acid by Carbodiimides, <i>Bioconjugate Chem.</i> 1991, 2, 232 - 241	
	A36	Larsen et al., Hylan and Hylan Derivatives In Drug Delivery, <i>Cosmetic and Pharmaceutical Applications of Polymers</i> C.G. Gebelein, Ed.; Plenum Press: New York, 147- 157 (1991)	
	A37	Laurent et al., Cross-linked Gels of Hyaluronic Acid, <i>Acta Chem Scand</i> Vol. 18., No. 1: pp. 274 – 275, 1964	
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	A39	Luo, Y., Kirker, K. R., and Prestwich, G. D. (2000) Cross-linked hyaluronic acid hydrogel films: new biomaterials for drug delivery (<i>Journal of Controlled Release</i> 69, 169-184	
	A40	Merrell SW, Shelby J, Saffle J et al. An in vivo test of viability for cryopreserved human skin. Curr Surg 43:296, 1986.	

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	A41	Moseley R, Leaver M, Walker M, Waddington RJ, Parsons D, Chen WY, Embury G. Comparison of the antioxidant properties of HYAFF-11p75, AQUACEL and hyaluronan towards reactive oxygen species in vitro. 2002 Biomaterials 23:2255-64.	
	A42	Poggi MM, Klein MB, Chapo GA, Cuono CB. Effects of cryopreservation and deconstruction on the dermal glycosaminoglycan content of human skin. 1999 J Bum Care Rehabil 20 (3):201-6.	
	A43	Pouyani, T., and Prestwich, G. D. (1994) Functionalized derivatives of hyaluronic acid oligosaccharides - drug carriers and novel biomaterials. Bioconjugate Chemistry 5, 339-347	
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	A46	Stojkovic M, et al., Effects of high concentrations of hyaluronan in culture medium on development and survival rates of fresh and frozen-thawed bovine embryos produced in vitro. Reproduction Vol. 124, Jul 2002, 141-53	
	A47	Stojkovic M, Thompson JG and Tervit, HR. Effects of hyaluronic acid supplementation on in vitro development of bovine embryos in a two-step culture system. 1999 Theriogenology 51: 254.	
	A48	Tammi R, Saamanen A-M, Maibach HI and Tammi M. Degradation of newly synthesized high molecular mass hyaluronan in the epidermal and dermal compartments of human skin in organ culture. 1991 J Invest Dermatol 97: 126-130.	
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	A53	Zanetti E. et al., Hyaluronate as a deturgescient agent during the transport phase of corneal storage by organ culture. ARVO Annual Meeting Abstract Search and Program Planner Vol. 2002, 2002, pp Abstract No. 134.	
	A54	Zieger MAJ, Tredget ER, McGann LE. A simple, effective system for assessing viability in split-thickness skin with the use of oxygen consumption. 1993 J Bum Care Rehabil 14:310-18	

Examiner Signature: /Taeyoon Kim/	Date Considered: 08/06/2010
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